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THE CONTRED SHAMES OF ANTERIOA

TO ALL TO WHOM THESE PRESENTS SHALL COME;

Hybri Jech US, a Monsanto Company

Multifie, there has been presented to the

Secretary of Agriculture

AN APPLICATION REQUESTING A CERTIFICATE OF PROTECTION FOR AN ALLEGED DISTINCT VARIETY OF SEXUALLY REPRODUCED, OR TUBER PROPAGATED, PLANT, THE NAME AND DESCRIPTION OF WHICH ARE CONTAINED IN THE APPLICATION AND EXHIBITS, A COPY OF WHICH IS HEREUNTO ANNEXED AND MADE A PART HEREOF, AND THE VARIOUS REQUIREMENTS OF LAW IN SUCH CASES MADE AND PROVIDED HAVE BEEN COMPLIED WITH; AND THE TITLE THERETO IS, FROM THE RECORDS OF THE PLANT VARIETY PROTECTION OFFICE, IN THE APPLICANT(S) INDICATED IN THE SAID COPY, AND WHEREAS, UPON DUE EXAMINATION MADE, THE SAID APPLICANT(S) IS (ARE) ADJUDGED TO BE ENTITLED TO A CERTIFICATE OF PLANT VARIETY PROTECTION UNDER THE LAW.

NOW, THEREFORE, THIS CERTIFICATE OF PLANT VARIETY PROTECTION IS TO GRANT UNTO THE SAID APPLICANT(S) AND THE SUCCESSORS, HEIRS OR ASSIGNS OF THE SAID APPLICANT(S) FOR THE TERM OF TWENTY YEARS FROM THE DATE OF THIS GRANT, SUBJECT TO THE PAYMENT OF THE REQUIRED FEES AND PERIODIC REPLENISHMENT OF VIABLE BASIC SEED OF THE VARIETY IN A PUBLIC REPOSITORY AS PROVIDED BY LAW, THE RIGHT TO EXCLUDE OTHERS FROM SELLING THE VARIETY, OR OFFERING IT FOR SALE, OR REPRODUCING IT, OR IMPORTING IT, OR EXPORTING IT, OR CONDITIONING IT FOR PROPAGATION, OR STOCKING IT FOR ANY OF THE ABOVE PURPOSES, OR USING IT IN PRODUCING A HYBRID OR DIFFERENT VARIETY THEREFROM, TO THE EXTENT PROVIDED THE PLANT VARIETY PROTECTION ACT. IN THE UNITED STATES SEED OF THIS VARIETY (1) SHALL D BY VARIETY NAME ONLY AS A CLASS OF CERTIFIED SEED AND (2) SHALL CONFORM TO THE NUMBER OF ONS SPECIFIED BY THE OWNER OF THE RIGHTS. (84 STAT. 1542, AS AMENDED, 7 U.S.C. 2321 ET SEQ.)

WHEAT, COMMON

'Hamer'

In Jestimone Wherest, I have hereunto set my hand and caused the seal of the Mont Invite Protection Office to be affixed at the City of Washington, D.C. this thirty-first day of July in the year of our Lord one thousand nine hundred and ninety-eight.

Allest:

Thomas a salt

Acting Commissioner Plant Variety Protection Office Agricultural Marketing Service Secretary of Syriculture

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U.S. DEPARTMENT OF AGRICULTURE	Il reproductions.	The following statements a	FORM APPROVED - OMB NO. 0581-00 re made in accordance with the Privacy Act
AGRICULTURAL MARKETING SERVICE SCIENCE DIVISION - PLANT VARIETY PROTECTION OF	FICE	1974 (5 U.S.C. 552a).	
APPLICATION FOR PLANT VARIETY PROTECTION		Application is required in o certificate is to be issued (7 until certificate is issued (7)	rder to determine if a plant variety protect U.S.C. 2421). Information is held confiden
(Instructions and information collection burden statem NAME OF APPLICANT(S) (as it is to appear on the Certificate)	nent on reverse)		
		2. TEMPORARY DESIGNATION EXPERIMENTAL NUMBER	OR 3. VARIETY NAME
Agripro Seeds, Inc. HybriTech Us,	a Monsan ny	₩ N90-0666	HAMER
	2/98		
4. ADDRESS (Street and No., or R.F.D. No., City, State, and ZIP Code, and Coun	ntry)	5. TELEPHONE finclude area cod	7 011 011 011 011 011 011 011 011 011 01
6700 Antioch P.O. Box 2962		913-384-4940	9500311
Shawnee Mission, Kansas 66201-136	52	6. FAX finclude area codel 913-384-0208	Sept. 7: 1995/AA
		713-304-0200	N 7 3 4 7 3
7. GENUS AND SPECIES NAME	8. FAMILY NAME	·	FILING AND EXAMINATION FEE
<u>Triticum aestivum</u> 9. CROP KIND NAME (Common name)	Grami	neae .	
98 Hard Red Spring Wheat Wheat, co	•		Sept. 7, 1995
10. IF THE APPLICANT NAMED IS NOT A "PERSON", GIVE FORM OF ORGANIZA Corporation	ATION <i>(corporation, par</i>	tnershīp, association, etc.) (Common nam	· 300.00
11. IF INCORPORATED, GIVE STATE OF INCORPORATION De laware		12. DATE OF INCORPORATION June 1994	DECON 199
13. NAME AND ADDRESS OF APPLICANT REPRESENTATIVEIS), IF ANY, TO SER	EVE IN THIS APPLICAT	TION AND RECEIVE ALL PAPERS	14. TELEPHONE (include area code)
806 N. Second Street		stine Brunst Hybrite	
P.O. Box 30 Berthoud, Colorado 80513	,,,	houd CO ILCAIN No	rth Maridian (Secondary 1970–532–2035.
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Exhibit A.

Origin and Breeding History of Hamer

Hamer originated from the cross of HS85-0902 / N86-0111 which was made at Berthoud, CO in the fall of 1987 and given the cross designation C88-0099. At the time of the cross, HS85-0902 was a line from the AgriPro Spring Wheat breeding program, which itself derived from the cross of HS82-0448 / Angus. HS85-0902 was subsequently released to AgriPro Associate Growers in 1990 under the name Bergen. Bergen's background includes a significant contribution from University of Minnesota breeding lines and the variety Era. Hamer's other parent (N86-0111) also has considerable background from University of Minnesota including the variety Era. (See Pedigree Diagram below).

The cross C88-0099 produced 25 F_1 seeds. The F_1 generation was grown in the greenhouse in Berthoud, CO during the winter of 1987-88, harvested and planted as an F_2 population at Climax, MN in the spring of 1988. Selection criteria at this stage included; short to intermediate height, and resistance to leaf rust, stem rust, and other foliar diseases such as Tan Spot and Septoria Leaf Blight. Ninety-two (92) single head selections were made from this F_2 population at Climax.

Single Seed Descent was used to advance these selections through the F_3 and F_4 generations in the Berthoud greenhouse during the fall and winter of 1988-89. Sixty (60) F_4 derived F_5 headrows from the C88-0099 cross were planted in 1989 at Borup, MN with selection criteria essentially the same as in the F_2 generation although intensity of diseases were much less this year. A total of seventeen (17) rows were selected from C88-0099 at this stage, with each row being harvested and bulked individually. The F_5 selection numbered 4869 was increased as an F_6 plot in a counter season nursery in New Zealand during 1989-1990 and subsequently entered into preliminary yield trials in the spring of 1990 under the line designation 'N90-0666'.

Hamer (N90-0666) was tested in AgriPro nurseries in the Red River Valley from 1990-1994. Hamer has also been tested in the Hard Red Spring Wheat Uniform Regional Nurseries in 1993 and 1994 and was entered in official state tests in North Dakota, South Dakota, and Minnesota during 1994.

In 1992, ninety-six (96) F_8 derived F_9 headrows were grown at Berthoud, CO and two rows were discarded on height. The remaining rows were bulked and used to plant a 1.5 acre initial seed increase in 1993 which produced 5,700 pounds of breeder seed. An additional ninety-two (92) F_{10} head rows were planted in 1993, none of which were discarded, to serve as backup seed stock.

Hamer has been uniform and stable since 1993. Less than 0.5% of the plants were rogued from the initial seed increase field in 1993. Approximately 85% of the rogued variant plants consisted of slightly taller (3 to 8 centimeters) wheat plants. Up to 1% variant plants may be encountered in subsequent generations.

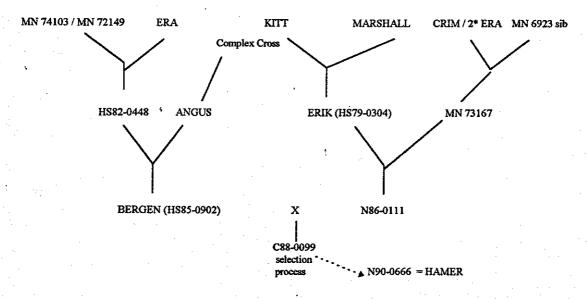


EXHIBIT B.

STATEMENT OF DISTINCTNESS

Hamer is most similar to the hard red spring wheats 'Bergen' and 'Lars'. However, it can be easily distinguished from both of these varieties by the following morphological characteristics:

- Hamer has a long acuminate beak. Bergen has a short acuminate beak, (see statistical data following pages).
- Hamer is a taller height variety then Lars, (see Agripro Hard Red Spring Wheat Trial Summary 1995, page 4.)
- Hamer does not express seedling anthocyanin, (Berthoud, Colorado 1992 thru 1995). Lars does express seedling anthocyanin, (Berthoud, Colorado 1992 thru 1995).
- Hamer has a narrow seed crease width due to its having a rounded seed cheek shape. Lars has a midwide seed crease width due to its having slightly angular cheeks.
- Hamer has a shallow seed crease depth due to its having a rounded seed cheek shape. Lars has a middeep seed crease depth due to its having angular cheeks.

11/20/95

t-Test: Two-Sample Assuming	Equal Variances	(1)
Beak Length	For year	1993
	Hamer	Bergen
∢ Mean	7.328	2.412
Variance	7.092933333	0.284433333
Observations	25	25
Pooled Variance	3.688683333	
Hypothesized Mean Difference	0	
df	48	
t Stat	9.049637727	
P(T<=t) one-tail	2.99733E-12	·
t Critical one-tail	1.677224191	·
P(T<=t) two-tail	5.99466E-12	
t Critical two-tail	2.01063358	

t-Test: Two-Sample Assuming Beak Length	g Unequal Variances (2) For year: 1993									
	Hamer	Bergen								
Mean	7.328	2.412								
Variance	7.092933333	0.284433333								
Observations	25	25								
Hypothesized Mean Difference	0									
df	26									
t Stat	9.049637727									
P(T<=t) one-tail	8.12653E-10									
t Critical one-tail	1.705616341	1								
P(T<=t) two-tail	1.62531E-09									
t Critical two-tail	2.055530786									

- (1) Steel, R.G.D., and J.H. Torrie. 1960. Comparisons Involving Two Sample Means. p. 86-121. In Principles and Proceedures of statistics. McGraw-Hill Book Co. Inc., New York.
- (2) Steel, R.G.D., and J.H. Torrie. 1960. Independent Samples and Unequal Variances. p. 106. In Principles and Proceedures of statistics. McGraw-Hill Book Co. Inc., New York.

11/20/95

Raw Data Summary Beak Length 1993

number of	Rav	/ data:
observations:	Hamer	Bergen
1	3.2	1.7
. 2	4.2	1.9
3	4.2	1.9
. 4	4.6	1.9
5	5.0	1.9
6	5.4	2.0
7	5.5	2.0
8	5.8	2.0
(45) N 9	6.5	2.0
10	6.5	2.1
11	6.5	2.1
12	6.7	2.2
13	6.7	2.3
14	7.0	2.3
15	7.5	2.4
16	7.6	2.6
17	7.7	2.6
18	8.6	2.6
19	. 8.8	2.8
20	9.0	2.9
21	9.0	2.9
22	9.4	3.0
23	10.0	3.0
24	13.2	3.4
25	14.6	3.8

11/20/95

Beak Length	For yea	ar. 1994
	Hamer	Bergen
Mean	7.116	2,592
Variance	1.965566667	0.149933333
Observations	25	25
Pooled Variance	1.05775	
Hypothesized Mean Difference	0	
df	48	
t Stat	15.55199421	
P(T<=t) one-tail	1.12912E-20	
t Critical one-tail	1.677224191	
P(T<=t) two-tail	2.25824E-20	ĺ
t Critical two-tail	2.01063358	

t-Test: Two-Sample Assuming t	Unequal Variances	(2)							
Beak Length	For year. /1994								
	Hamer	Bergen							
Mean	7.116	2.592							
Variance Observations	1.965566667 25	0.149933333 25							
Hypothesized Mean Difference df	0 28								
t Stat P(T<=t) one-tail t Critical one-tail P(T<=t) two-tail t Critical two-tail	15.55199421 1.3175E-15 1.701130259 2.635E-15 2.048409442								

(1) Steel, R.G.D., and J.H. Tome. 1960. Comparisons Involving Two Sample Means. p. 86-121. In Principles and Proceedures of statistics. McGraw-Hill Book Co. Inc., New York.

(2) Steel, R.G.D., and J.H. Torrie. 1960. Independent Samples and Unequal Variances. p. 106. In Principles and Proceedures of statistics. McGraw-Hill Book Co. Inc., New York.

11/20/95

Beak Length

1994

			Dow data:	
number of		l lama.	Raw data:	D
observations:		Hamer	•	Berger
1		4.5	•	2.1
2		5.3		2.1
3		5.3		2.2
. 4		5.8		2.2
5		5.8		2.2
6		5.8		2.3
7		6.2	•	2.3
8	•	6.2		2.3
9		6.3	•	2.4
10	· · · · · · · · · · · · · · · · · · ·	6.3		2.4
11		6.3		2.4
12	A STATE	7.0		2.5
13		7.3		2.5
14		7.4		2.7
15		7.4		2.7
16		7.5		2.7
. 17		7.5		2.7
18		7.5		2.7
19		8.3		2.8
20		8.6		2.8
21		8.8		2.9
22		8.8		2.9
23		9.0		2.9
24		9.4		3.5
25		9.6		3.6
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PR=Park River, North Dakota BR=Berthoud, Colorado *Height Data generated from the following locations:

U.S. DEPARTMENT OF AGRICULTURE AGRICULTURAL MARKETING SERVICE LIVESTOCK, MEAT, GRAIN & SEED DIVISION BELTSVILLE, MARYLAND 20705

EXHIBIT C

OBJECTIVE DESCRIPTION OF VARIETY

THE PARTY OF THE P	TICUM SPP.)		
NAME OF APPLICANTIS		FOR OFFIC	TAL USE ONLY
Agripro Seeds, Inc.		PYPO NUMBER	9500311
ADDRESS (Street and No. or R.F.D. No., City, State, and ZIP Code)		VARIETY NAME OR	
6700 Antioch P.O. Box 2962	•	DESIGNATION	
Shawnee Mission, Kansas 66201-1362		'Hamer'	
The state of the s			· · · · · · · · · · · · · · · · · · ·
Place the appropriate number that describes the varietal character Place a zero in first box (e-s- 0 8 9 or 0 9) when number	of this variety in the is either 99 or less or	o boxes below. 9 or less.	
I. KINO:			
1 1 COMMON 2 DURUM 3 EMMER 4 SPELT 5	= POLISH 6 = POUI	LARO 7 = CLUB	
2. TYPE:		3 + 07457 (Sec. (6)	
1 1 = SPRING 2 = WINTER 3 = OTHER (Specify)	2 1 = SOFT 2 = HARD	3 = OTHER (Specify)	
2 1 = WHITE 2 = RED 3 = OTHER (Specity)	• •		
3. SEASON - NUMBER OF DAYS FROM			· · · · · · · · · · · · · · · · · · ·
0 5 2 FIRST FLOWERING	0 5 7 LAST	FLOWERING	
4. MATURITY (50% Flowering):			
NO. OF DAYS EARLIER THAN Bergen	! = ARTHUR	2 = scout	3 = CHRIS
NO. OF DAYS LATER THAN	4 = L EMHE	5 = NUGAINES	6 = LEEDS
5. PLANT HEIGHT (From soil level to top of head):			· · · · · · · · · · · · · · · · · · ·
0 8 0 cm. High			
0 1 CM. TALLER THAN	7		2 - cupic
CM. SHORTER THAN	1 = ARTHUR 4 = LEMHI	2 = SCOUT 5 = NUGAINES	3 = сняз 6 = LEEDS 7=Bergen
6. PLANT COLOR AT BOOTING (See reverse):	7. ANTHER COLOR:		
2 1 = YELLOW GREEN 2 = GREEN 3 = BLUE GREEN	1 = YELLOW	2 = PURPLE	
8. STEM:			
1 Anthocyanin: 1 = ABSENT 2 = PRESENT	2 Waxy bloom: 1	= ABSENT 2 = P	RESENT
2 Hairiness of last internode of rachis: 1 = ABSENT 2 = PRESENT	1 Internodes: 1 =	HOLLOW 2 = SOL	מו
0 5 NO. OF NODES (Originating from node above ground)		RNODE LENGTH BET F BELOW	WEEN FLAG LEAF
9. AURICLES:			
1 Anthocyanin: 1 = ABSENT 2 = PRESENT	2 Hairiness: 1 =	ABSENT 2 = PR	ESENT
O. LEAF:		_	:
Flag leaf at 1 = ERECT 2 = RECURVED booting stage: 3 = OTHER (Specify):	2 Flag leaf: 1 =	NOT TWISTED 2=	TWSTED
1 Hairs of first leaf sheath: 1 = ASSENT 2 = PRESENT	2 Wazy bloom of	flag leaf sheath: 1=4	ABSENT 2 = PRESENT
1 12		LENGTH (First loss	helow flat famh:
1 2 MM. LEAF WIDTH (First leaf below flag leaf)	2 5 CM. LEA	F LENGTH (FIRM 1944	

FORM GR-478-5 IREVERSE			
3 Censity: 1 = LAX	2 = gense 3=middense	Shape: 1 = TAPERING	
4 Awnedness: 1 = Awn	ILESS 2 = APICALLY AWNLETED 3	= AWNLETED ' 4 = AWNED	
2 Calar at maturity: 5	: white 2=yellow 3=pink 4= : впомн _{ору} 6:#Black 7=отнея	RED ((Specify):	
8. 2 CM. LENGTH		1 1 мм. жати	
12. GLUMES AT MATURIT 2 Length: 1 = SHORT (CAL 7 mm.) 2 = MEDIUM (CAL 8 mm.)	2 Fulth: 1 = MARROW (C.).	CA. J mm.) 2 = MEBIUM (CA. J.S com.) 4 com.)
121	NG 2 = OBLIQUE 3 = ROUNGED E 5 = ELEVATED 6 = APICULATE	3 Seak: 1 = 08705E	Z = ACUTE 3 = ACUMNATE
13. COLEGATILE COLOR:		IL SEEDLING ANTHOCYAN	in:
1 Iswette 2se	ם 3 = פעתפעב	1 = ABSENT 2=	PRESENT
IS. JUYEHILE PLANT GRO	TIBAH HTW	•	
2 1 = PROSTRATE	2 = SEMI-ERECT 3 = ERECT	•	
IL SEED:	•		
1 Shape: I = GVATE	2 = OVAL 3 = ELLIPTICAL	1 Cheek: 1 = ROUNCES	2 = ANGULAR
2 Brush: I = SHORT	2 = MEDIUM 3 = LONG	Brush: I = NOT COL	LARED 2=COLLARES
Phenol reaction	TEIVORY. ZEFAWN 3=LT. BROWN		
(See instructions):	4 = BROWN S = BLACK	•	
3 Color: T = WHITE	2 = AMBER 3 = RED 4 = PURPLE	S=OTHER (Specify)	
5.5 MM. LENGTH	3. 0 мм. жотн	3 4 GM. PER 1000 SE	EDS
17. SEED CREASE:			
1 Vidth: = 60% OR L	ess of Kernel 'Winoka'	1 71	LESS OF KERNEL "SUDD"
2 = 80% OR LE	SS OF KERNEL 'CHRIS'	2 = 35% OR L	ESS OF KERNEL 'CHRIS'
	S WIGE AS KERNEL "LEMHI"		ess of Xernel "Lemm"
IR DISEASE: (0 = Not Text	ed. 1 = Susceptible, 2 = Resistanti 3=Mo	d <u>erat</u> ely Susceptible	e 4= <u>Mod</u> erately Resistant
2 (Racoa) field rac	LEAF RUST	STRIPE RUST	LOOSE SMU?
0 POWCERY MILDEW	0 BUNT	O OTHER (Specify)	
19. INSECT: (0 = Not Teste	d. 1 = Susceptible, 2 = Resistant) 3=MO	derately Suscential	e 4=Moderately Resistant
O SAWFLY	O APHIO (Sydn)	O GREEN BUG	O CEREAL LEAF BEETLE
O GTHER (Specify)			
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	HESSIAN FLY	0 cp 0 A	0= s 0 c
	HESSIAN FLY	0 cp 0 A	
	RACES:	0 a 0 E	0= a 0 c 0 c
20. INDICATE WHICH YARI	RACES: }	0 a 0 E	0 r 0 c
20. INDICATE WHICH VARII	RACES:	D D D E	OF OG
20. INDICATE WHICH YARII CHARACTER Plant tillering	RACES: }	O 0 0 E CHARACTER Seed also	OF OG NAME OF VARIETY Bergen
20. INDICATE WHICH VARIE CHARACTER Plant tillering Leaf size	RACES: ARCES: ARCES: ARCES: ARCES: ARCES THAT SINGLES INGLE SINGLE	O O O E UBSTTED: CHARACTER Seed size Seed spece	NAME OF VARIETY Bergen Bergen
20. INDICATE WHICH YARII CHARACTER Plant tillering	RACES: TY MOST CLOSELY RESEMBLES THAT S NAME OF VARIETY Bergen	O 0 0 E CHARACTER Seed also	OF OG NAME OF VARIETY Bergen

NSTRUCTIONS.

GENERAL: The following publications may be used as a reference aid for the standardization of terms and procedures for completing this lame:

- (a) L.T. Briggie and L. P. Reitz. 1963. Classification of Triticum Species and Theat Varieties Grown in the United States. Technical Builetin 1278, United States Department of Agriculture.
- (b) T.E. Valla, 1965. A Standardized Phenol Method for Testing Theat Seed for Varietal Purity, contribution No. 23 to the handbook of seed resting prepared by the Association of Official Seed Analysis, these attachments,

EXHIBIT D.

ADDITIONAL BOTANICAL DESCRIPTION OF HAMER

Hamer is a hard red spring wheat bred and developed by Agripro Seeds, Inc. Hamer is a high yielding, tall semidwarf wheat with medium early maturity and moderate straw strength. Hamer provides very good resistance to tan spot, leaf and stem rust, and has shown consistantly good yields even in the presence of severe scab infections. Milling properties and baking characteristics are good.

Juvenile growth habit is semierect. Plant color at boot stage is green. Flag leaf at boot stage is recurved and twisted. Head shape is strap, awned and yellow at maturity. Glumes are glabrous, midlong and midwide with oblique shoulders and acuminate beaks. Seed shape is ovate with rounded cheeks.

Hamer is well adapted to the entire hard red spring wheat region.

EXHIBIT E.

STATEMENT OF THE BASIS OF APPLICANT'S OWNERSHIP

The variety for which Plant Variety Protection is hereby sought was developed by Dr. Blake Cooper and Joe Smith employees of Agripro Seeds, Inc. By agreement between employees and Agripro Seeds, Inc., all rights to any invention, discovery, or developement made by the employee while employed by Agripro Seeds, Inc., were assigned to Agripro Seeds, Inc., with no rights of any kind pertaining to 'Hamer' being retained by the employees.

EXHIBIT F.

QUALITY AND AGRONOMIC DATA

Quality D	Data	•	•	•	. •	•	•	•	•	•	•	•	•	•	•	page	1.		
Agronomio	: Dat	a									_			_		pages	2.	thru	8

ACRITINO WHEAT

HARD RED SPRING UPFAT	AMER
:	

YEAR: 1994

	81		
	OVER ALL	3748X	41
	M M	22222	2.4
		ww4w4	3.0
10.00 10.000 10.0000	T & I m	4 00 4:4 01	3.4
BAKTING QUALITIY	K	44660	3.8
	TOAF	820 820 970 970	1004
AKTING	æ	40464	2.2
Д	MIX TIME	88888	3.60
	24	44004	3.6
	ABS	66.0 63.0 67.0	65.6
	æ	ପର ମ 4 ର	3.4
		1388 1371 947 1134 1138	1245
	CERAM HF N.U.	0.44.0.0 0.0.0.0.0	5.2
	YX HILL MIX	3.50 3.50 3.50 3.50	3.60
TIJ	ASH	515. 605. 605. 605. 605.	.522
QUAL	ρci	64666	3.0
FLOUR/WHEAT	FIR YID %	74.6 70.6 75.7 75.2 75.2	74.3
FLOUR	HKO	78 77 77 78 78	88
	. K	ស្រល្យប	4.4
	FIR PROT 142mb	12.9 12.6 12.3 14.2 12.4	12.9
	WHT PROT 14%mb	14.2 14.0 13.4 15.1	14.0
	TEST VT — 1b/Bu	56.9 58.0 62.5 62.5	58.2
	YEAR LOC	93 93 93 93 93 93 93 93 93 93 93 93 93 9	AVERACE

8-9-UNACCEPTABLE

RATINGS: 1-2=EXCELLENT 3-4=GOOD 5=ACCEPTABLE 6-7=QUESTIONABLE